



FORM PTO-1449 (Modified)

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT(S) INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

**ATTNY. DOCKET NO.**

**SERIAL NO.**

10030379-1

10/712,706

**APPLICANT**

Root, et al

**FILING DATE**

**GROUP ART UNIT**

11/12/03

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	A1	Traverso, et al – A Nonlinear Dynamic S/H-ADC Device Model Based on a Modified Volterra Series: Identification Procedure and Commercial CAD Tool Implementation – IEEE Transactions on Instrumentation and Measurement, vol. 52, no. 4, pages 1129-1135, August 2003
	A2	Constantini, et al – Accurate Prediction of PHEMT Intermodulation Distortion Using the Nonlinear Discrete Convolution Model – 2002 IEEE MTT-S Digest-pg. 857-860
	A3	Mirri, et al – A Modified Volterra Series Approach for the Characterization of Non-Linear Dynamic Systems – IEEE I and M Technology Conference - pages 710-715 - June 4-6, 1996,
	A4	Maas - Modeling MESFET's for Intermodulation Analysis of Mixers and Amplifiers – IEEE Transactions on Microwave Theory and Technology, vol. 38, no. 12, pages 1964-1971, Dec. 1990
	A5	Leke & Kenney – Behavioral Modeling of Narrowband Microwave Power Amplifiers with Applications in Simulating Spectral Regrowth – 1996 IEEE MTT-S Digest, pg. 1385-1388
	A6	Ku, et al – Extraction of Accurate Behavioral Models for Power Amplifiers with Memory Effects using Two-Tone Measurements – 2002 IEEE MTT-S CDROM- pages 139-142
	A7	Ku & Kenney – Behavioral Modeling of RF Amplifiers Considering IMD and Spectral Regrowth Asymmetries – 2003 IEEE MTT-S Digest– pages 799-802
	A8	J.S. Kenney – Device Level Behavioral Modeling for Microwave Components – 2000 IMS Workshop on Nonlinear CAD – pages 1-39- June 2000
	<del>A9</del>	<del>J.S. Kenney – Nonlinear Microwave Design, Extrapolating Beyond S Parameters- pages 1-27</del>
	A10	Ngoya & Larcheveque – Envelop Transient Analysis: A New Method for the Transient and Steady State Analysis of Microwave Communication Circuits and Systems – 1996 IEEE MTT-S Digest pages 1365-1368
	A11	Larcheveque, et al – New and Efficient Method for the Multitone Steady-State Circuit Simulation – 1998 IEEE- pages VI 330- VI 333
	A12	Soury, et al – A New Behavioral Model taking into account Nonlinear Memory Effects and Transient Behaviors in Wideband SSPAs – 2002 IEEE MTT-S CD-ROM – pages 853 - 856
	A13	Ngoya, et al – Accurate RF and Microwave System Level Modeling of Wide Band Nonlinear Circuits, 2000 IEEE- <i>pages 1-4</i>
	A14	Soury, et al – Measurement Based Modeling of Power Amplifiers for Reliable Design of Modern Communications Systems – 2003 IEEE MTT-S Digest, pages 795-798
	A15	Harkouss, et al – Modeling Microwave Devices and Circuits for Telecommunications System Design – IEEE 1998- pages 128-133



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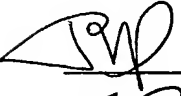




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- |   |     |   |
|---|-----|---|
|    | A16 | Ngoya – Frequency Domain Methods for Bottom-UP RF and Microwave Nonlinear Subsystem Modeling – MTT-S 2003 Workshop WSG: Fundamentals of Nonlinear Behavioral Modeling- pages 1-38, June 2003          |
|    | A17 | Borges and Pedro – A Comprehensive Explanation of Distortion Sideband Asymmetries- IEEE Transactions on Microwave Theory and Techniques, vol. 50, no. 9, Sept 2002, pages 2090-2101                   |
|    | A18 | Fager, et al – Intermodulation Distortion Behavior in LDMOS Transistor Amplifiers- 2002 IEEE MTT-S CDROM, page 131-134  |
|    | A19 | Pedro, et al – Modeling Nonlinear Behavior of Band-Pass Memoryless and Dynamic Systems – 2003 IEEE MTT-S Digest, pages 2133-2136  |
|    | A20 | Fager, et al – Prediction of IMD in LDMOS Transistor Amplifiers Using a New Large-Signal Model, IEEE Transactions on Microwave Theory and Techniques, vol. 50, no. 12, Dec. 2002, pages 2834-2842     |
|   | A21 | Pedro & Carvalho – Artificial Frequency-Mapping Techniques for Multi-Tone Harmonic Balance – International Microwave symposium 2000 – pages 1-24  |
|  | A22 | Pedro & Carvalho – Mixed Time and Frequency Domain Behavioral Modeling and Simulation – International Microwave Symposium 2003, workshop on Fundamentals of Nonlinear Behavioral Modeling, pages 1-38 |

EXAMINER:

DATE CONSIDERED:

2/20/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and *not* considered. Include copy of this form with next communication to Applicant(s).